

~~a fuel chamber in gaseous communication with said anode chamber via a first valve;~~
~~a water chamber in gaseous communication with said anode chamber via a second valve;~~
~~and~~
~~a mixing chamber having a second vent, wherein said mixing chamber is in gaseous communication with said anode chamber via a third valve, wherein~~
~~said mixing chamber receives fuel from said fuel chamber through a fuel valve, water from said water chamber via a water valve, and liquid effluent from said anode chamber via a liquid effluent valve, and~~
~~said mixing chamber provides a fuel mixture to said anode chamber via a fuel mixture valve.]~~

Please add new claims as follows:

2. (new) A detachable fuel chamber for a fuel cell system, comprising fuel storage means; gaseous communication means and liquid communication means.
3. (new) The detachable fuel chamber according to claim 1, wherein the first port and second port are in communication with the fuel cell.
4. (new) A method for delivering fuel from a fuel chamber to a fuel cell comprising:
 - allowing gaseous product from an anode chamber of a fuel cell system to be introduced to the fuel chamber;
 - creating a pressure differential between the fuel chamber and a destination for the fuel; and
 - releasing the pressure in the fuel chamber to the destination area; and

driving fuel contained in the fuel chamber to the destination area as a result of the release of pressure.

5. (new) The method according to claim 4, wherein the destination area is an anode chamber of the fuel cell.

6. (new) The method according to claim 4, wherein the destination area is a mixing chamber of the fuel cell system.

7. (new) A method for driving a fluid in a fuel cell system comprising:

pressurizing a first chamber with gaseous product produced by an anode chamber of a fuel cell system;

creating a pressure differential between the first chamber and a second chamber containing a liquid;

releasing the pressure contained in the first chamber into the second chamber; and either

driving the liquid from the second chamber to a destination area; or

agitating the liquid in the second chamber.

8. (new) The method according to claim 7, wherein the released pressure flows from the first chamber to the second chamber via a third chamber.

9. (new) A fuel cell system comprising:

a housing defining an anode chamber and a cathode chamber and including a catalyst, a protonically conductive but electronically non-conductive membrane positioned between said anode chamber and said cathode chamber and a vent;

a detachable fuel chamber in gaseous communication with said anode chamber via a first conduit and in liquid communication with said anode chamber via a second conduit.

10. (new) A method for delivering fuel from a fuel chamber to a fuel cell comprising:

allowing gaseous product from an anode chamber of a fuel cell system to enter the fuel chamber; and

using the gaseous product to drive fuel from the fuel chamber to the fuel cell.

11. (new) A method for a fluid in a fuel cell system comprising:

allowing gaseous product from an anode chamber of a fuel cell system to enter a first chamber; and

using the gaseous product to drive fuel from the said first chamber into a second chamber.

REMARKS

Upon entry of this amendment, claims 1-11 are pending in the instant application. Claim 1 has been amended and claims 2-11 are newly added.

CONCLUSION

If there any questions regarding these amendments and remarks, the Examiner is encouraged to contact the undersigned at the telephone number provided below.